

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

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| Application Number | 10/532013 |
| Filing Date | November 12, 2003 |
| First Named Inventor | DAVID L. HALLAHAN |
| Group Art Unit | UNKNOWN |
| Examiner Name | UNASSIGNED |
| Attorney Docket Number | CL2039USPCT |

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|---------------------|-----------------------|---|--------------------------|
| PB | 1 | MELINDA N. MARTIN, The Latex of Hevea brasiliensis Contains High Levels of Both Chitinases and Chitinases/Lysozymes ¹ , Plant Physiol., Vol. 95:469-476, 1991 | <input type="checkbox"/> |
| | 2 | TAKESHI YAGAMI ET AL., Plant defense-related enzymes as latex antigens, Journal of Allergy and Clinical Immunology, Vol. 101(3):379-385, 1998 | <input type="checkbox"/> |
| | 3 | RALPH A. BACKHAUS, Rubber Formation in Plants - A Mini-Review, Israel Journal of Botany, Vol. 34:283-293, 1985 | <input type="checkbox"/> |
| | 4 | JOSEPH CHAPPELL, Biochemistry and Molecular Biology of the Isoprenoid Biosynthetic Pathway in Plants, Annu. Rev. Plant Physiol., Plant Mol. Biol., Vol. 46:521-547, 1995 | <input type="checkbox"/> |
| | 5 | THOMAS MEEKER, Low Molecular Weight Polyisoprenes Offer Versatility in Bonding Techniques, Adhesives Age, Vol. 41(7):23-26, 1998 | <input type="checkbox"/> |
| | 6 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213620, ACCESSION NO: AY124934, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from Plants | <input type="checkbox"/> |
| | 7 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213604, ACCESSION NO: AY124474, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 8 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213602, ACCESSION NO: AY124473, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 9 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213600, ACCESSION NO: AY124472, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 10 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213598, ACCESSION NO: AY124471, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| ↓ | 11 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213596, ACCESSION NO: AY124470, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |

Examiner
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/Phuong Bui/

Date
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11/20/2006

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| PB | 12 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213594, ACCESSION NO: AY124469, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 13 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213592, ACCESSION NO: AY124468, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 14 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213590, ACCESSION NO: AY124467, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 15 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213588, ACCESSION NO: AY124466, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 16 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213586, ACCESSION NO: AY124465, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 17 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 22213584, ACCESSION NO: AY124464, 08-13-2002, C. COLDREN ET AL., Cis-prenyltransferases from plants | <input type="checkbox"/> |
| | 18 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 20387100, ACCESSION NO: AB061236, 05-02-2002, K. ASAWATERERATANAKUL ET AL., Molecular cloning, expression and characterization of cis-prenyltransferases from Hevea brasiliensis | <input type="checkbox"/> |
| | 19 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 20563021, ACCESSION NO: AB074307, 09-18-2002, T. SANDO ET AL., Characterization of cis-prenyltransferase of Hevea brasiliensis | <input type="checkbox"/> |
| | 20 | CHRISTIAN M. APFEL ET AL., Use of Genomics To Identify Bacterial Undecaprenyl Pyrophosphate Synthetase: Cloning, Expression, and Characterization of the Essential uppS Gene, Journal of Bacteriology, Vol. 181(2):483-492, 1999 | <input type="checkbox"/> |
| | 21 | NAOTO SHIMIZU ET AL., Molecular Cloning, Expression, and Purification of Undecaprenyl Diphosphate Synthase, The Journal of Biological Chemistry, Vol. 273(31):19476-19481, 1998 | <input type="checkbox"/> |
| ↓ | 22 | HUSSIN MOHD NOR ET AL., Telechelic Liquid Natural Rubber: A Review, Prog. Polym. Sci., Vol. 23:143-177, 1998 | <input type="checkbox"/> |

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|------------------------|--------------------------|---|--------------------------|
| PB ↓ ↓ ↓ | 23 | KATRINA CORNISH, Similarities and differences in rubber biochemistry among plant species, Phytochemistry, Vol. 57:1123-1134, 2001 | <input type="checkbox"/> |
| | 24 | DOUGLAS J. MCGARVEY ET AL., Terpenoid Metabolism, The Plant Cell, Vol. 7:1015-1026, 1995 | <input type="checkbox"/> |
| | 25 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 20387098, ACCESSION NO: AB061235, 05-02-2002, K. ASAWATRERATANAKUL ET AL., Molecular cloning, expression and characterization of cis-prenyltransferases from Hevea brasiliensis | <input type="checkbox"/> |
| | 26 | NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 16904643, ACCESSION NO: AB061237, 11-13-2001, K. ASAWATRERATANAKUL ET AL., Molecular cloning, expression and characterization of cis-prenyltransferases from Hevea brasiliensis | <input type="checkbox"/> |
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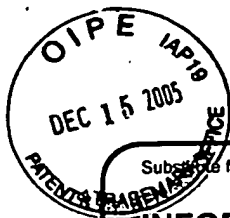
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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|------------------------|--------------------------|---------------------------|---|--------------------------------|--|---|--------------------------|
| | | Country Code ³ | Number ⁴ Kind Code ⁵ (if known) | | | | |
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